



The Night Sky

The Newsletter of
The Astronomy Club of Akron
www.acaoh.org

Volume 41 Number 8

August 2019

SUMMER BREAK! NO MEETING THIS MONTH!

ACA NEWS AND NOTES **AUGUST 2019**

ACA Monthly Meetings Resume

ACA's summer hiatus is nearly over and we look forward to our September meeting scheduled for 8:00 p.m. on Friday, September 27th. The meeting location is the New Franklin City Hall, 5611 Manchester Road, Akron, Ohio 44319. Looking forward to seeing you there!

ACA Membership Renewals Due

ACA is on summer hiatus from membership meetings until our September meeting scheduled for 8:00 p.m. on Friday, September 27th. The ACA Board, however, sends a gentle reminder that membership fees are due for the upcoming year on or before that date. Feel free to mail your dues to treasurer Nick Mihiylov at:

The Astronomy Club of Akron
c/o Nick Mihiylov
13495 Mogadore Avenue NW
Uniontown, Ohio 44685-9347

Membership dues pays for observatory maintenance and insurance, dinner for our guest speakers, membership picnic entree, pavilion fees, and any costs incurred in support of our outreach programs. Your membership is needed and much appreciated!

Star Parties

Upcoming Star Parties are scheduled for August 31st at 8:30 p.m., September 21st at 8:00 p.m. and September 28th at 7:30 p.m. For details about what Observatory Director Ron Kalinoski has on the viewing list, see the 2019 Observatory Schedule found on the ACA website. Also check out the website often for notice of Impromptu Star Parties. Stop in at the ACA Observatory to support these outreach events!

Special Thanks

Heartfelt thanks to all who participated in recent ACA events. ACA's celebration for the 50th Anniversary of the Moon Landing on July 20th was a success. Observatory Director Ron Kalinoski prepared a full evening of activities. Attendees enjoyed a hot dog roast to kick off the event, with Tang and complimentary Moon Pies!

A well-planned telescope seminar followed. ACA gives special thanks to Glenn Cameron, Phil Creed, Dave Hartsook, Jay Reynolds, Gary Smith, and Jim Watson for sharing their knowledge of telescopes and passion for astronomy. It was greatly appreciated! The event was complete as Ron guided attendees through a viewing of the night skies. The ACA Annual Membership Picnic was held on August 4th. Those attending enjoyed a beautiful afternoon and good food with friends. ACA thanks Grill Master Ron Kalinoski for all the preparation and cooking. The picnic would not be a success without Ron's efforts!

MVAS OTAA Event

The Mahoning Valley Astronomical Society [MVAS] will host the Ohio Turnpike Astronomers Association [OTAA] meeting on Saturday, August 24th from 5:00 p.m. to 11:30 p.m. at Mahoning Valley Cortese Observatory (MVCO), 1076 Ohio Route 534, West Farmington, Ohio 44491. A number of ACA members attend this well-planned annual event. If you have never gone, consider going this year. A potluck dinner (6:00), door prizes (7:00), and program (8:00), are followed by an observation session (weather permitting) at dusk under dark skies. This event occurs rain or shine. Please support our fellow OTAA club member and attend!

September 27, 2019 - General Membership Meeting



Speaker: Dr. Patrick Durrell (Youngstown State University).

Presentation: "Studying Galaxies with the Hubble Space Telescope" The Hubble Space Telescope (or HST) has been providing beautiful, high-resolution images of multitudes of fascinating objects in the cosmos for almost 30 years. I will illustrate how important space-based telescopes like Hubble are, and highlight how astronomers can study galaxies -- both near and far -- with Hubble's unique capabilities and instruments. I will also include snippets from some of the extragalactic research I carry out using the HST, with a look forward to the next generation James Webb Space Telescope.

About the Speaker: Dr. Patrick Durrell is a Distinguished Professor in the Department of Physics and Astronomy at Youngstown State University, and is also the Director of the Ward Beecher Planetarium. Dr. Durrell completed his PhD at

McMaster University in 1996, and has been a lead author or co-author on over 60 published scientific papers, including work on intergalactic stars, galaxy halos, globular star clusters, and dwarf galaxies in the nearby universe. His varied research projects often make use of some of the largest telescopes in the world, including the Hubble Space Telescope.



ACA 70th Anniversary Cookout and 50th Anniversary of the Apollo 11 Moon Landing Celebration and Star Party

By Marissa Fanady

The ACA had a wonderful turnout for our 70th anniversary cookout and telescope seminar with a star party immediately following the numerous presentations that were given by ACA members. Folks enjoyed hotdogs, cooked by our grill master Ron , chips, drinks, and a complimentary Moon Pie. This event was also celebrating the 50th anniversary of the Apollo 11 lunar landing on July 20th, 1969. The ACA gave presentations on every type of telescope by Glenn Cameron, Jim Watson, Gary Smith, Phil Creed, and we even had a surprise talk given by Dr. Jay Reynolds of Cleveland State University! During the cookout Glenn Cameron also had an H-Alpha solar telescope set up to view the sun before it set. A great time was had by all who attended and a sincere thank you goes to every ACA member who took part in making this event possible.

*Article by Marissa Fanady
ACA Publications Secretary*



ACA members setting up and getting ready for the event. From left to right is Marissa Fanady, Dave Hartsook, Ann Ferrell, and Ron .



Dave Hartsook presenting a talk on Schmidt-Cassegrain telescopes. Image by Ann Ferrell.



Dr. Reynolds presenting a talk on Maksutov telescopes. Image by Ann Ferrell.



Phil Creed gave a presentation earlier on Reflector telescopes and eyepieces. Image by Ann Ferrell.



Gary Smith presenting a talk on using binoculars for observational astronomy. Image by Ann Ferrell.

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Cathy Loboda
Phone: 330-655-2923 E-mail: cnloboda@aol.com

Vice President

Justin Phillips
Phone: E-mail:

Treasurer

Nick Mihiylov
Phone: E-mail: nmihylov@aol.com

Secretary

Terry Taylor
Phone: E-mail:

Assistant Secretary/Treasurer

Ann Ferrell
Phone: 330-697-7279 E-mail: annhagemaster@gmail.com

Observatory Director

Ron Kalinoski
Phone: 330-837-5848

ACA Webmaster

Dave Jessie
Phone: 330-688-9043 E-mail: DJessie@neo.rr.com

Publications Secretary - Editor, Night Sky Newsletter

Marissa Fanady
Phone: 330-531-2443 E-mail: mfanady@yahoo.com

Trustee

Gregg Crenshaw
E-mail: rigelstarman@gmail.com

Trustee

Susan Swift
E-mail: swiftsm@windstream.net

Trustee

Connie Tighe
E-mail: contighe@hotmail.com

Statutory Agent

Mark Kochheiser
Phone: E-mail:

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July Treasurer's Report

By Nick Mihiylov

7/1/2019 Through 7/31/2019

Checking Beginning Balance	\$317.96
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Income

Membership Dues	140.00
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Total Income	\$140.00
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Expenses

CK#1240 -	-138.78
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Reimbursement Ann Ferrell - Event Handouts	
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CK#1241 - Astronomical League Dues	-105.62
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Total Expenses	-244.40
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Income Less Expenses	-\$104.40
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Checking Ending Balance	\$213.56
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Savings Beginning Balance	\$2,567.36
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Earned Interest	0.04
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Savings Ending Balance	\$2,567.40
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Petty Cash Beginning Balance	\$50.00
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	0.00
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Petty Cash Ending Balance	\$50.00
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Petty Cash	50.00
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Savings	2,567.40
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Checking	213.56
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Grand Total	\$2,830.92
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Article by Nick Mihiylov
ACA Treasurer.

SWAP & SHOP



FOR SALE:

Orion Sirius 40mm Plossl

Asking: \$25

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org

FOR SALE:



Televue Radian 12 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email:

riverfry@gmail.com

FOR SALE:



Televue Radian 18 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email:

riverfry@gmail.com

FOR SALE:

Celestron CPC Deluxe 800 HD Telescope with tripod.

Accessories:

- Celestron 1.25" eyepiece and filter kit.
- Tele Vue nebula filter.
- Celestron UHC/LPR filter.
- Celestron 15mm 1.25" 82 degree wide field eyepiece.
- Stellarvue 1.25" Dielectric Diagonal.
- Stellarvue 1.25" erecting prism.
- Celestron power tank and dew shield.
- Astrozap sun filter.
- Celestron AC adaptor.
- JMI custom hard shell case for telescope.

All 8 months old, brand new condition.

Asking: \$2200

Contact: Jim Hall

Phone: 330-268-8695

FOR SALE:



Pentax XW 20mm Eyepiece

- Excellent condition.
- Small mark on 1.25" barrel.
- Always used in a compression clamp.

Asking: \$220 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com

FOR SALE:

Celestron NexStar 8i computerized to go 8" F/10 Schmidt-Cassegrain

Focal length 2032 mm with 406x highest useful power.

Includes:

- GPS module.
- Five multicoated Plössl eyepieces.
- 2X Barlow lense.
- Seven filters.
- A/C adaptor.
- Night vision flash.
- Celestron star pointer.

All rarely used and in new condition.

Cost \$1,689 new.

Asking: Best Offer

Contact: Nick Bade

Email: nb@tribco.com

Phone: 216-486-2000 weekdays and

440-585-8687 evenings and

weekends.

Advertise in the Swap n Shop!

Send a picture of
your **ASTRONOMY
RELATED** item and
relevant information
to the newsletter
editor:

speedymissy@yahoo.com

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Newsletter of the Astronomy Club of Akron

c/o Marissa Fanady, Editor

1714 Toepfer Rd.

Akron OH, 44312

The Astronomy Club of Akron

c/o Nick Mihiylov

13495 Mogadore Avenue NW

Uniontown, Ohio 44685-9347

Yes! I want to become a member of the Astronomy Club of Akron

www.acaoh.org

(PLEASE PRINT)

NAME: _____ PHONE: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

EMAIL ADDRESS: _____

Astronomy Club of Akron annual memberships renew in the month of September.

ADULT (ages 18 and older) ___\$30.00

JUNIOR (ages 12 to 17) _____\$15.00

ADDITIONAL ADULT member ___\$15.00

FAMILY MEMBERSHIP _____\$40.00

Visit us on the Web at www.acaoh.org,